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WORKSOP RURAL DISTRICT COUNCIL

ANNUAL REPORT

for

Year ended 31st December, 1959

by

M. B. McCANN

Medical Officer of Health

L.R.C.P., L.R.C.S., L.M., D.P.H.





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Worksop Rural District Council

YEAR ENDED 31ST DECEMBER, 1959.

Chairman :

MR. S. BURKE, J.P.

Vice-Chairman :

MR. T. DENNIS

MR. W. H. BECKETT	MR. J. H. LACEY
MR. F. BROUGH	MR. M. LANGRICK
MR. G. CAWTHORNE	MR. F. G. SALMON
MR. C. W. COLLINGHAM	MR. S. SLACK
MR. R. S. DADLEY	MR. T. STEVENSON
MR. H. GREAVES	MR. H. STOKES
MR. J. GYTE	MRS. M. K. THOMAS
MRS. B. A. HARRISON	MR. F. D. THORNTON
MR. N. HAWKINS	MRS. E. WILSON
MR. C. JAMES	

Medical Officer of Health :

M. B. McCANN, L.R.C.P., L.R.C.S., L.M., D.P.H.

Surveyor and Chief Public Health Inspector :

C. J. PHILLIPS, M.R.S.H., C.R.S.H., M.A.P.H.I.

Additional Public Health Inspectors :

C. TURBERFIELD, Cert.R.S.H., M.A.P.H.I.

J. D. BULLIMORE, Cert.R.S.H., M.A.P.H.I.

Clerk of the Council : Chief Financial Officer and Rating & Valuation Officer :

C. I. INGHAM, A.R.V.A.

PUBLIC HEALTH DEPARTMENT,
HIGHFIELD HOUSE,
CARLTON ROAD,
WORKSOP.

July, 1960.

TO THE CHAIRMAN AND MEMBERS OF THE WORKSOP RURAL DISTRICT
COUNCIL.

SIR, LADIES AND GENTLEMEN,

I have the honour to submit for your consideration the annual health report for the year ended 31st December, 1959, together with the Vital Statistics relative to that period.

The population figure of 17,620 represents an increase of 130 over the corresponding figure for last year.

The birth rate is 17.3 per thousand of the population. The figure for England and Wales is 16.5.

The death rate at 9.1 per thousand of the population is below that for England and Wales (11.6).

The infant mortality rate at 13.0 per thousand live births, is below that for England and Wales (22.0).

The report includes information on the Health Services provided in the area by the Nottinghamshire County Council, and for this information I am indebted to the County Medical Officer.

I am,

Your obedient Servant,

M. B. McCANN,

Medical Officer of Health.

STATISTICS AND SOCIAL CONDITIONS OF THE AREA.

Area in acres	17,458
Population (estimated) mid year	17,620
No. of inhabited houses at 31st March, 1960	5,105
Rateable Value at 31st March, 1960	£204,704
Penny Rate Product at 31st March, 1960	£803

VITAL STATISTICS.

Live Births.	M.	F.	Total
Legitimate	138	159	297
Illegitimate	4	5	9
Illegitimate live births per cent. of total live births			2.94
Birth rate per 1,000 of population			17.3
Birth rate per 1,000 of population of England and Wales			16.5

Still Births.	M.	F.	Total
Legitimate	2	7	9
Illegitimate	1	—	1

Total live and still births	316
Rate per 1,000 (live and still) births	31.6
Rate per 1,000 estimated population	.56

Maternal Mortality (Including Abortion) :

Number of Deaths	Nil
------------------	-----

Infantile Mortality (Deaths of Infants under 1 year) :

	M.	F.	Total
Deaths of Legitimate infants under 1 year	2	2	4
Deaths of Illegitimate infants under 1 year	—	—	Nil
Death rate of legitimate infants per 1,000 legitimate live births			13.0
Infant mortality rate for England and Wales per 1,000 live births			22.0
Neo-Natal Mortality Rate (Deaths under 4 weeks per 1,000 total live births)			9.8
Early Neo-Natal Mortality rate (Deaths under 1 week per 1,000 total live births)			6.5
Perinatal Mortality Rate (Still Births and Deaths under 1 week combined per 1,000 total live and still births)			44.3

Deaths.

	M.	F.	Total	
	89	72	161	
Death rate per 1,000 estimated population	.....	.....	.....	9.1
Death rate per 1,000 population England and Wales	.....	.....	.....	11.6

All the above rates are calculated on the estimated population given by the Registrar General.

Mortality. The Causes of death were :—

Respiratory Tuberculosis	.....	.....	.....	1
Tuberculosis (other forms)	.....	.....	.....	—
Cancer (all forms)	.....	.....	.....	30
Leukaemia	.....	.....	.....	—
Vascular disease of the nervous system	.....	.....	.....	25
Heart disease	.....	.....	.....	56
Other circulatory diseases	.....	.....	.....	5
Pneumonia	.....	.....	.....	6
Influenza	.....	.....	.....	1
Bronchitis	.....	.....	.....	12
Other defined and ill-defined diseases	.....	.....	.....	11
Motor vehicle accidents	.....	.....	.....	2
All other accidents	.....	.....	.....	3
Diabetes	.....	.....	.....	2
Suicide	.....	.....	.....	—
Congenital malformations	.....	.....	.....	2
Concealed haemorrhage and toxæmia of pregnancy	.....	.....	.....	—
Other diseases of respiratory system	.....	.....	.....	4
Ulcer of stomach and duodenum	.....	.....	.....	1
Hyperplasia of prostate	.....	.....	.....	—
Syphilitic	.....	.....	.....	—
Gastritis, enteritis and diarrhoea	.....	.....	.....	—
Nephritis and nephrosis	.....	.....	.....	—
				161

PREVALENCE OF, AND CONTROL OVER, INFECTIOUS AND OTHER DISEASES.

Measles.

During the year 328 cases of measles were notified.

Scarlet Fever.

Eleven cases of scarlet fever were notified and the disease continues to be mild in type.

Whooping Cough.

There were no cases of whooping cough notified during the year.

Food Poisoning, Enteric Fever.

There were no cases of food poisoning notified during the year.

Dysentery.

Twelve cases of dysentery were notified during the year.

Tuberculosis.

There were eleven cases of pulmonary tuberculosis notified during the year.

One school child—aged 14 years—who attended the Bircotes Senior School developed tuberculous meningitis and tuberculosis of the lungs. Extensive investigations were made at the school and arrangements were made to carry out skin testing and B.C.G. vaccination. Arrangements were also made to have many of the contacts examined by Mass Radiography. Of the 482 children who were tested against tuberculosis, it was found necessary to give B.C.G. vaccination to 282 children.

B.C.G. Skin Testing and Vaccination—School Leavers (excluding Bircotes).

Tuberculin testing followed by B.C.G. vaccination was offered to children in the 13th year age group.

The number of children skin tested was	.....	112
The number of children positive	.....	28
The number of children negative	.....	80
The number of children vaccinated	.....	77

Diphtheria.

There were no cases of diphtheria during the year.

Poliomyelitis.

There were no cases of poliomyelitis during the year.

Poliomyelitis Vaccination.

The number of persons who received two injections during the year was 2,815.

Infant Mortality.

There were 4 deaths under one year giving an infant mortality rate of 13.0.

TABLE I.
Comparative Infant Mortality Rates.

Year	Worksoop Rural District	England & Wales
1954	30.9	25.5
1955	23.5	24.9
1956	17.6	23.8
1957	17.8	23.0
1958	31.6	22.5
1959	13.0	22.0

The causes of death are analysed in Table II.

HOME HELP SERVICE.

The demand for Home Help in the Worksoop Rural District increases as the amenities of the service become more widely known.

Home Helps are available for households where domestic help is needed owing to the presence of anyone who is sick, lying-in, an expectant mother, mentally defective, aged or a child not over compulsory school age.

The work undertaken by these women does not include nursing or midwifery duties and they are not used as "sitters-in," but they do the ordinary domestic work usually undertaken by the mother of a family, which may include cleaning, cooking, washing, care of children, mending and shopping.

The charge for the service is 3s. 3d. per hour except where the patient is unable to afford that amount, when the County Council's Scale of Assistance is applied. Home Helps are paid by the County Council and necessary travelling expenses are reimbursed.

Cases needing help should be reported to the Home Help Service, 61 Carlton Road, Worksop—Telephone: Worksop 2884, where the service is administered by a District Organiser and an Assistant.

NURSING IN THE HOME.

The names and addresses of the District Nurses residing in the Worksop Rural District are as follows :—

Name.	Address.	Tel. No.	Available for
E. Dyson	Willow Dene, Styrrup Road, Harworth	Tickhill 288	Harworth and Styrrup
M. Mowforth	Willow Dene, Styrrup Road, Harworth	Tickhill 288	
N. Richardson	4, Sandrock Road, Harworth	Tickhill 363	
C.E. Walton	16, Markham Road, Langold	N. Carlton 258	Langold Carlton-in-Lindrick Wallingwells
G. Young	High Street, Blyth	Blyth 242	
M. Welch	Ten Row, Cuckney	Warsop 176	
			Nether Langwith Cuckney Welbeck Holbeck Carburton Norton

MATERNITY AND CHILD WELFARE.

The clinics for both Ante-Natal and Child Welfare are available as follows :—

Harworth. Scrooby Road, Bircotes.

A.N.	Weekly	Friday	2-0 p.m. to 4-30 p.m.
C.W.	Weekly	Monday	2-0 p.m. to 4-30 p.m.
	Weekly	Wednesday	2-0 p.m. to 4-30 p.m.

Langold. Temporary School Buildings, Firbeck Crescent.

A.N.	Fortnightly	Tuesday	2-0 p.m. to 4-30 p.m.
C.W.	Weekly	Friday	2-0 p.m. to 4-30 p.m.

Blyth Memorial Hall

A.N.	Monthly	Tuesday	2-0 p.m. to 4-30 p.m.
C.W.	Fortnightly	Tuesday	2-0 p.m. to 4-30 p.m.

Carlton-in-Lindrick.

A.N.	Fortnightly and toddlers session.	Monday	9-30 a.m. to 12 noon.
C.W.	Weekly	Wednesday	2-0 p.m. to 4-30 p.m.

Cuckney Church Hall.

A.N.	Monthly	Thursday	2-0 p.m. to 4-30 p.m.
C.W.	Fortnightly	Thursday	2-0 p.m. to 4-30 p.m.

County Midwives are also available throughout the district as follows :—

Name.	Address.	Tel. No.	Available for
M. M. Hawke	14, Percival Street, Worksop	Worksop 3745	Carburton Norton Holbeck
I. Chapman	24, South Parade, Worksop	Worksop 2334	
E. Renshaw	256, Mansfield Road, Worksop	Worksop 3824	
E. Saxton	211, Carlton Road, Worksop	Worksop 2961	Welbeck
I. Oliver	25, George Street, Worksop	Worksop 2437	
S. Billing	21, Kipling Close, Worksop	Worksop 3727	

L. Yates	213, Forest Road, Warsop	Warsop	112	} Cuckney
B. Parker	Netherfield Lane, Church Warsop	Warsop	95	
J. Goodaker	9, Lindrick Close, Carlton-in-Lindrick	N. Carlton	324	} Carlton-in- Lindrick

SCHOOL MEDICAL SERVICES.

School and dental clinics are held as given hereunder :—

School Clinics.

Bircotes. Scrooby Road—

Tuesdays 9-30 a.m. to 12 noon.

Fridays 9-30 a.m. to 12 noon.

Medical Officer attends Tuesdays.

Langold. Temporary School Buildings, Firbeck Crescent.

Fridays 9-30 a.m. to 12 noon.

Medical Officer attends alternate Fridays.

Dental Clinics.

Bircotes. Child Welfare Centre, Scrooby Road—

Tuesday 9-30 a.m. to 12 noon.
 1-15 p.m. to 3-45 p.m.

Wednesday 9-30 a.m. to 12 noon.
 1-15 p.m. to 3-45 p.m.

Thursday 9-30 a.m. to 12 noon.
 1-15 p.m. to 3-45 p.m.
 by appointment.

VENEREAL DISEASES.

The Sheffield Regional Hospital Board is responsible for the control and treatment of Venereal Diseases throughout the area. Special Clinics are available as follows :—

Mansfield—held at Mansfield and District Hospital.

Monday	2-0 p.m. to 4-0 p.m.	Female
	10 a.m. to 12 noon	Male
	5-0 p.m. to 7-0 p.m.	Male
Wednesday	5-0 p.m. to 7-0 p.m.	Female

Workshop—held at Watson Road Clinic.

Wednesday	10 a.m. to 12 noon	Male & Female
Friday	10 a.m. to 12 noon	Male & Female

Doncaster—held at Royal Infirmary.

Monday	9-0 a.m. to 12 noon	Male
	2-0 p.m. to 4-0 p.m.	Male
	4-0 p.m. to 7-0 p.m.	Female
Thursday	9-0 a.m. to 12 noon	Female
	2-0 p.m. to 4-0 p.m.	Female
	4-30 p.m. to 7-0 p.m.	Male
Saturday	9-0 a.m. to 12 noon.	By appointment

Gainsborough—held at John Coupland Hospital.

Friday	6-0 p.m. to 7-0 p.m.	Male & Female
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Sheffield—held at the Royal Infirmary

Monday	2-0 p.m. to 7-0 p.m.	Female and Children
	5-0 p.m. to 7-0 p.m.	Male
Thursday	5-0 p.m. to 7-0 p.m.	Male, Female & Children

Sheffield—held at the Royal Hospital.

Monday	9-30 a.m. to 12 noon	Male
Tuesday	9-30 a.m. to 12 noon	Female
	4-30 p.m. to 6-30 p.m.	Male
Wednesday	9-30 a.m. to 12 noon	Male
Thursday	9-30 a.m. to 12 noon	Female
Friday	9-30 a.m. to 12 noon	Female
	4-30 p.m. to 6-30 p.m.	Male
Saturday	9-30 a.m. to 12 noon	By appointment

Sheffield—held at the Jessop Hospital.

Tuesday	4-0 p.m. to 6-0 p.m.	Female and Children
Thursday	4-0 p.m. to 6-0 p.m.	Female and Children
Saturday	10 a.m. to 12 noon	By appointment

Sheffield—held at the City General Hospital.

Tuesday	2-0 p.m. to 4-0 p.m.	Female and Children
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TABLE II.
CAUSES OF DEATH—INFANTS UNDER 1 YEAR.

CAUSE OF DEATH	AGE																					
	Under 1	DAYS										MONTHS										Total
		1	2	3	4	5	6	7-13	14-20	21-28	1	2	3	4	5	6	7	8	9	10	11	
Pneumococcal	-	-	-	-	-	-	-	-	-	-	1	-	-	-	-	-	-	-	-	-	1	
Meningitis	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	
Pulmonary Atelectasis	-	1	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	
Broncho-pneumonia	-	-	-	-	-	1	1	-	-	-	-	-	-	-	-	-	-	-	-	-	2	
TOTAL	-	1	-	-	-	1	1	-	-	-	1	-	-	-	-	-	-	-	-	-	4	

TABLE III.

CASES OF INFECTIOUS DISEASE NOTIFIED DURING THE YEAR 1959.

NOTIFIABLE DISEASES	At all ages	Under 1	1-2	2-3	3-4	4-5	5-10	10-15	15-20	20-35	35-45	45-65	65 and over	Bawtry	Bircotes	Carlton-in-Lindrick	Harworth	Langold	Oldcotes	Costhorpe	Welbeck	Blyth	Nether Langwith	Norton
Measles	328	10	29	45	35	46	158	2	3	-	-	-	-	14	112	91	57	43	1	5	1	1	2	1
Pneumonia	1	-	-	-	-	-	-	-	-	-	-	1	-	-	-	-	-	-	-	-	-	1	-	-
Scarlet Fever	11	-	-	2	1	4	3	1	-	-	-	-	-	-	3	-	3	3	-	-	-	1	1	-
Whooping Cough	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Dysentery	12	1	-	-	1	-	6	2	-	-	-	2	-	-	7	4	-	1	-	-	-	-	-	-
Food Poisoning	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Paralytic Poliomyelitis	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Erysipelas	1	-	-	-	-	-	-	-	-	-	-	1	-	-	-	-	-	-	-	-	-	1	-	-
Meningitis	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-

TABLE IV.

DIPHTHERIA IMMUNISATION.

ANNUAL RETURN FOR THE YEAR ENDED 31st DECEMBER,
1959.

WORKSOP RURAL DISTRICT.

Number of children, who had completed a course of diphtheria immunisation at any time between 1st January, 1945 and 31st December, 1959.

AGE ON 31.12.59 (i.e. born in year)	Under 1 1959	1-4 1955-58	5-9 1950-54	10-14 1945-49	Under 15 Total
A. No. of children who completed last course (primary or booster in the period 1955-59)	67	866	1116	121	2170
B. No. of children whose last course (primary or booster) was completed in the period 1954 or earlier ...	—	—	257	1437	1694
Totals	67	866	1373	1558	3864

TABLE V.
Tuberculosis 1959

Age Periods in years	New Cases.				Deaths.			
	Pulmonary		Non- Pulmonary		Pulmonary		Non- Pulmonary	
	M	F	M	F	M	F	M	F
0-1	—	—	—	—	—	—	—	—
1-2	—	—	—	—	—	—	—	—
2-3	—	—	—	—	—	—	—	—
3-4	—	I	—	—	—	—	—	—
4-5	—	—	—	—	—	—	—	—
5-10	—	—	—	—	—	—	—	—
10-15	2	—	—	—	—	—	—	—
15-20	—	2	—	—	—	—	—	—
20-35	I	2	—	—	—	—	—	—
35-45	I	—	—	—	—	—	—	—
45-65	I	—	—	—	I	—	—	—
65 and over	I	—	—	—	—	—	—	—
Totals	6	5	—	—	I	—	—	—

**PRESCRIBED PARTICULARS ON THE ADMINISTRATION OF
THE FACTORIES ACT, 1937.**

PART I OF THE ACT.

I. INSPECTIONS for purposes of provisions as to health
(including inspections made by the Public Health Inspectors).

<i>Premises</i>	<i>Number on Register</i>	<i>Inspections</i>	<i>Number of Written notices</i>	<i>Occupiers prosecuted</i>
(1)	(2)	(3)	(4)	(5)
(a) Factories in which Sections 1, 2, 3, 4 and 6 are to be enforced by Local Authorities	—	—	—	—
(b) Factories not in- cluded in (a) in which Section 7 is enforced by the Local Authority	26	24	—	—
(c) Other Premises in which Section 7 is enforced by the Local Authority (excluding out- workers' premises)	3	3	—	—
Total	29	27	—	—

2. Cases in which DEFECTS were found.

<i>Particulars</i>	<i>Number of cases in which defects were found</i>		<i>Referred</i>		<i>Number of cases in which pro- secutions were insti- tuted</i>
	<i>Found</i>	<i>Remedied</i>	<i>To H.M.</i>	<i>By H.M.</i>	
			<i>Inspector</i>	<i>Inspector</i>	
(1)	(2)	(3)	(4)	(5)	(6)
Want of cleanliness (S.1)	—	—	—	—	—
Overcrowding (S.2)	—	—	—	—	—
Unreasonable tem- perature (S.3)	—	—	—	—	—
Inadequate venti- lation (S.4)	—	—	—	—	—
Ineffective drainage of floors (S.6)	—	—	—	—	—
Sanitary Conveniences (S.7)					
(a) Insufficient	—	—	—	—	—
(b) Unsuitable or defective	—	—	—	—	—
(c) Not separate sexes	—	—	—	—	—
Other offences against the Act (not including offences relating to Outwork	—	—	—	—	—
Total	—	—	—	—	—

PART VIII OF THE ACT.

Outwork.

(Sections 110 and 111).

<i>No. of out-workers in August list required by Section 110(1) (c)</i>	<i>Section 110</i>		<i>Section 111</i>		
	<i>No. of cases of default in sending list to the Council</i>	<i>No. of prosecu- tions for failure to supply lists</i>	<i>No. of instances of work in unwhole- some premises</i>	<i>Notices served</i>	<i>Prosecu- tions</i>
(2)	(3)	(4)	(5)	(6)	(7)
—	—	—	—	—	—

HOUSING.

	<i>Council</i>	<i>Private Enterprise</i>
The number of new houses completed in the year	46	38
The number completed since the end of the war	1,051	344
The number of new houses which were let to persons selected by the Health Department for tuberculous reasons and for reasons of overcrowding		Nil

During the year 1959, the number of houses represented as being unfit for human habitation was 25 and the number of such houses comprised in Slum Clearance Areas was 5 (Blyth Clearance Area No. 2).

The total number of persons in the families involved was	57
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PUBLIC HEALTH DEPARTMENT,
COUNCIL OFFICES,
HIGHFIELD HOUSE,
CARLTON ROAD,
WORKSOP.

SANITARY INSPECTION OF THE AREA.

Report made to the Medical Officer of Health in pursuance of Article 25 of the Public Health Officers Regulations, 1959.

C. J. PHILLIPS,
Chief Public Health Inspector

I. INFECTIOUS DISEASE.

The home conditions and possible sources of infection of all cases of notifiable infectious diseases have been investigated following the removal of the patient to hospital. The rooms occupied by the patient are fumigated and the householders are given instructions on the cleansing of the houses and effects, disinfectant fluid is supplied by the Council, free of charge, for this purpose.

Sixteen visits were made in connection with eleven cases of Scarlet Fever and five cases of Tuberculosis notified during the year.

One hundred and thirty-two visits were also made in connection with cases of suspected food poisoning, dysentery, contacts, etc.

2. WATER SUPPLIES.

(i) Public Supplies.

The greater part of the district has continued to be supplied from six public sources, only one of these—Blyth Waterworks—being under the direct control of the Worksop Rural District Council. The six public sources are as follows :—

	Source of Supply.	Distribution.	Parishes.
1. Worksop Corporation	Deep boreholes, Sunnyside, Worksop	Gravity Supply from Reservoir, Peaks Hill, Carlton-in-Lindrick	1. Carlton-in-Lindrick 2. Hosdock 3. Oldcotes 4. Wallingwells
2. Blackwell Rural District Council	Three deep boreholes, Budby	Direct from main at Whaley Thorns from reservoirs at Stoney Houghton	1. Nether Langwith
3. Don Valley Water Board	Three deep boreholes at Austerfield	Gravity supply from reservoir Bawtry	1. Part of Harworth
4. National Coal Board	Deep borehole, South Carr, Harworth	Gravity supply from elevated tank at Harworth	1. Harworth (major part) 2. Syttrup
5. Welbeck Estates	Deep borehole, Carburton	Gravity supply from storage tank at Welbeck and Cuckney	1. Carburton 2. Norton 3. Holbeck 4. Welbeck 5. Cuckney
6. Worksop Rural District Council	Deep borehole, Blyth	Gravity supply from storage tanks, Blyth	Parish of Blyth

In addition to the parish of Blyth, the Rural District Council is the responsible authority for the distribution of the supplies in their area for the parishes of Carlton-in-Lindrick, Hodsock, Styrrup-with-Oldcotes, Nether Langwith and part of Harworth. The National Coal Board undertake distribution of the water to Bircotes Colliery village ; and Welbeck Estates Co. Ltd., is responsible for the parishes of Carburton, Norton, Holbeck, Welbeck and Cuckney.

(a) Bacteriological Examination.

Samples of water from the six public supplies were taken regularly throughout the year and the results indicate that a high standard of bacterial purity was maintained.

Seventy-two samples were taken for bacteriological examination, the reports on all of which proved to be satisfactory.

One pre-chlorination sample was taken; the bacteriological examination report on this sample was also satisfactory.

(b) Chemical Analysis.

A sample of water was obtained for chemical analysis from each of the six public supplies during the year.

The reports on all the samples were satisfactory and the following is a copy of the Analyst's reports.

	Welbeck Estates Private Supply	Blackwell R.D.C. Bulk Supply	Worksop Corpor- ation Supply
	No. 1	No. 2	No. 3
PHYSICAL CHARACTERS.			
Suspended Matter	none	none	none
Appearance of a column 2-ft. Long	clear :	clear :	clear :
	colourless	colourless	colourless
Taste	normal	normal	normal
Odour	none	none	none
CHEMICAL EXAMINATION.			
	Parts per Million		
Total Solids dried at 180°C	334.0	388.0	828.0
Chlorides in terms of Chlorine	32.0	85.0	145.0
Equivalent to Sodium Chloride	52.8	140.1	239.0
Nitrites	none	none	none
Nitrates as Nitrogen	7.0	4.5	16.25
Poisonous Metals (Lead etc.)	none	none	none
Total Hardness	242.0	249.0	254.0
Temporary Hardness	104.0	108.0	222.0
Permanent Hardness	138.0	141.0	32.0

Oxygen Absorbed in 4 hours at 80°F	.....	.....	.....	0.20	0.44	0.32
Ammoniacal Nitrogen	.....	.....	.....	0.004	0.002	0.002
Albuminoid Nitrogen	.....	.....	.....	0.016	0.004	0.008
Free Chlorine	.....	.....	.....	none	0.08	none
pH Value	.....	.....	.....	7.8	7.6	7.5

N.C.B. Bulk Supply Harworth Colliery	Don Valley Water Board Supply	Workshop K.D.C. Bulk Supply
No. 4	No. 5	No. 6

PHYSICAL CHARACTERS.

Suspended Matter	.....	.....	.....	none	none	none
Appearance of a column 2-ft. long				clear :	clear :	clear :
				colourless	colourless	colourless
Taste	.....	.....	.....	normal	normal	normal
Odour	.....	.....	.....	none	none	none

CHEMICAL EXAMINATION.

Parts per Million

Total Solids dried at 180°C	.....	.....	.....	406.0	196.0	532.0
Chlorides in terms of Chlorine				52.0	18.0	48.0
Equivalent to Sodium Chloride				85.7	29.7	79.1
Nitrites	.....	.....	.....	none	none	none
Nitrates as Nitrogen	.....	.....	.....	6.5	3.0	14.0
Poisonous Metals (Lead etc.)	.....	.....	.....	none	none	none
Total Hardness	.....	.....	.....	294.0	154.0	400.0
Temporary Hardness	.....	.....	.....	146.0	122.0	200.0
Permanent Hardness	.....	.....	.....	148.0	32.0	200.0
Oxygen Absorbed in 4 hours at 80°F	.....	.....	.....	0.48	0.40	0.64
Ammoniacal Nitrogen	.....	.....	.....	0.004	0.002	0.002
Albuminoid Nitrogen	.....	.....	.....	0.014	0.002	0.018
Free Chlorine	.....	.....	.....	none	none	none
pH Value	.....	.....	.....	7.3	7.8	7.5

Water Main Extensions.

Eighty-three additional houses have been supplied with water from the public mains during the year.

Five water main extensions were carried out during the year, as follows :—

- (1) A 3-in. cast iron water main extended for a distance of 39 yards to supply houses in course of erection by the Council in Pagdin Drive, Styrrup.
- (2) A 3-in. cast iron water main extended for a distance of 58 yards to supply houses in course of erection by the Council in Sherwood Crescent and Briber Road, Blyth.
- (3) A 4-in. cast iron water main extended for a distance of 233 yards to supply bungalows in course of erection in Beech Road, Harworth.
- (4) A 3-in. cast iron water main extended for a distance of 43 yards to supply houses in course of erection in Dadley Road, Carlton-in-Lindrick.
- (5) A 3-in. cast iron water main extended for a distance of 52 yards in Wigthorpe Lane, Carlton-in-Lindrick, to serve house erected by private enterprise.

All the above works were carried out by direct labour.

3. DRAINAGE AND SEWERAGE.

The following extensions to foul and surface water sewers were completed during the year by contractors in the course of erection of Council houses :—

- (1) 73 yards of 6-in. foul water sewer and 67 yards of 6-in. surface water sewer, all in earthenware pipes, in Rutland Crescent, Harworth.
- (2) 43 yards of 6-in. foul water sewer and 143 yards of 6-in. surface water sewer, all in earthenware pipes, in Pagdin Drive, Styrrup.
- (3) 65 yards of 6-in. foul water sewer and 40 yards of 6-in. surface water sewer, all in earthenware pipes, in Briber Road and Sherwood Crescent, Blyth.

- (4) 83 yards of 6-in. foul water sewer and 23 yards of 6-in. surface water sewer, all in earthenware pipes, in Beech Road, Harworth.
- (5) 157 yards of 6-in. foul water sewer and 15 yards of 6-in. surface water sewer, all in earthenware pipes, in Dadley Road, Carlton-in-Lindrick.

In addition to the above-mentioned sewer extensions, a 6-in. foul water sewer was also extended by direct labour for a distance of 31 yards in earthenware pipes to serve a house in course of erection by private enterprise in Baulk Lane, Harworth.

Harworth Sewage Disposal Works.

For several years I have reported upon the unsatisfactory conditions prevailing at Harworth Sewage Works. These works are completely inadequate to deal with the present flow and the Council's Consulting Engineers, Messrs. John H. Haiste & Partners of Leeds, prepared a scheme for improvement and extension some considerable time ago. The local investigation by an Inspector of the Ministry took place in 1957, but due to the obnoxious nature of the trade effluent from the Glass Bulbs Factory, further information and negotiation regarding the trade effluent agreement had to be undertaken before consent to the proposed alterations at the Works could be granted. In this respect, the assistance and advice of the Public Analysts—Messrs. Richardson and Jaffe of Bradford, was sought ; and during the past year a meeting between the Ministry and the Council has taken place to enable the Officials to confer on the problems of the treatment of this trade effluent.

At the present time (August, 1960), I am able to report the heads of terms for the proposed trade effluent agreement have now been agreed with Messrs. Glass Bulbs Ltd., the plans of the proposed extension at Harworth Works have been completed by the Consulting Engineers and these details have been forwarded to the Ministry for further consideration.

Styrrup-with-Oldcotes Sewerage and Sewage Disposal.

Village of Oldcotes.

Last year I reported the Council's Consulting Engineers, Messrs. John H. Haiste & Partners of Leeds, had prepared a scheme to provide main sewerage facilities in the village of Oldcotes and that arrangements had also been completed with Kiveton Park Rural District Council for the sewage in the Village of Firbeck to be jointly dealt with in this scheme. Since that time the scheme has been considered by the Ministry and I am pleased to be able to report the proposals have been approved but consent to invite tenders for the proposed works has not yet been given.

The reason this consent to invite tenders has not been given is due to the necessity to enlarge and improve the existing Works at Hodsock as these Works will be used for the treatment of the additional flow from Oldcotes and Firbeck. The Consulting Engineers have now completed their scheme for the improvement of the Works at Hodsock and these proposals have been submitted to the Ministry for approval. As soon as the proposals for the extensions receive the consent of the Ministry, tenders for the sewerage scheme for Oldcotes will be invited.

Village of Styrrup.

The proposals to provide main sewerage facilities in the village of Styrrup have not materially progressed during the past 12 months due to the delay in the completion of the proposals for the enlargement of the Harworth Sewage Disposal Works. As I explained last year, the intention for the village of Styrrup is to provide new sewers and a Pumping Station from which all sewage in this village will be pumped to Harworth for treatment and, of course, these intentions will have to wait on the progress made at Harworth.

4. CLOSET CONVERSIONS.

The Council continued to approve a grant to owners of dwelling-houses towards the cost of converting sanitary conveniences of the conservancy type into water closets where application was made and a contribution recommended under Section 47 of the Public Health Act, 1936.

The maximum amount payable for conversions was increased during the year from 50% of the total cost but not exceeding £10-0-0d. to 50% of the total cost but not exceeding £15-0-0d. per dwellinghouse.

Contributions towards the cost of conversions were approved in eight cases during the year.

Six conversions were completed during the year, two in the parish of Blyth, three in the parish of Carlton-in-Lindrick, and one in the parish of Holbeck.

5. PUBLIC CLEANSING.

Scavenging services were operated by direct labour throughout the district.

The service consisted of the weekly emptying of dustbins and pail closets, and the cleansing of privies and ashpits every six weeks.

The number and type of these receptacles is as follows :—

Dustbins	.....	.....	.....	.....	5,405
Pail closets	.....	.....	.....	.....	354
Privy middens	.....	.....	.....	.....	102
Ashpits	.....	.....	.....	.....	49

Controlled tipping was carried out as far as possible.

Routine treatments of refuse tips were carried out during the year to prevent nuisance from rats etc.

The Council maintained and operated two Austin refuse collection vehicles and two Shelvoke & Drewry vehicles of 16/18 cubic yard and 13 cubic yard capacity.

Twenty men were employed on an average throughout the year on refuse collection and disposal.

The following work was carried out by the Cleansing Department during the year :—

Population served in all parishes	.....	.....	.....	17,620
Total number of premises given regular service	.....			5,194
Total number of dustbins emptied during the year	.....			292,023
Total number of pail closets emptied during the year				20,546
Total number of ashpits emptied during the year	.....			578
Total number of privy middens emptied during the year				1,298

Mileage travelled by the four vehicles	39,970
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Cost of operation of the cleansing service by direct labour for the year ended 31/3/60	£12,742
(including £800 lorry reserve fund)	

Cost of operation of the cleansing service by direct labour for the year ended 31/3/59	£13,130
(including £700 lorry reserve fund)	

6. INFESTATIONS.

(a) Bed Bugs.

Only two cases of infestation of bed bugs came to the notice of the Department during the year.

The treatment consisted of the removal of all skirting boards, picture rails, architraves, etc., followed by thorough spraying with insecticide containing D.D.T. repeated until complete disinfestation was achieved.

No cases of infestation were found in Council houses.

(b) Rodent Control.

One of the Council's labourers, trained in the approved methods of control was engaged on this work when necessary until he had to retire during the year owing to ill-health.

The refuse tips, sewage disposal works and other lands and premises owned or occupied by the Council were kept under observation and treated immediately there were any signs of infestation.

Disinfestation work for occupiers of dwellinghouses was carried out free of charge. A charge of 7/6d. per hour was made in respect of treatments carried out at business premises.

During the year 107 infestations were dealt with, 96 of these were in connection with dwellinghouses.

7. MILK SUPPLIES.

The number of registrations and inspections under the Milk and Dairies Regulations, 1949, was as follows :—

	<i>Distributors</i>	<i>Dairies</i>
No. on Register at the end of year	19	3
No. of inspections during the year	38	6
No. of defects or unsatisfactory conditions found	—	—
No. of defects of unsatisfactory conditions remedied	—	—

The Milk (Special Designation) (Pasteurised & Sterilised Milk) Regulations, 1949-1953.

No. of licences in operation at the end of the year for the sale of :—

(a) Pasteurised milk	15
(b) Sterilised milk	13

The Milk (Special Designation) (Raw Milk) Regulations, 1949.

No. of licences in operation at the end of the year for the sale of Tuberculin Tested milk	15
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Samples of Milk.

During the year twenty-five samples of pasteurised milk were taken and submitted to the Public Health Laboratory for the tests prescribed by the Regulations. All the samples satisfied the standard demanded for pastuerised milk.

Seven samples of sterilised milk were also taken. The report on each of these samples was also satisfactory.

8. MEAT AND OTHER FOOD.

Four slaughterhouses were licensed in the district but most of the local butchers continued to obtain the bulk of their dressed meat carcasses from wholesalers outside the district.

The following table is a record of the slaughtering and inspection carried out during the year :—

		Cattle excl. Cows	Cows	Calves	Sheep & Lambs	Pigs	Horses
Number killed	.....	191	—	—	375	91	—
Number inspected	.....	191	—	—	375	91	—

All diseases except Tuberculosis and Cysticerci

Whole carcasses condemned	.....	—	—	—	—	—	—
Carcasses of which some part or organ was con- demned	.....	23	—	—	—	1	—
Percentage of the number inspected affected with disease other than tuberculosis and cysticerci	.....	12.0%	—	—	—	1.1%	—

Tuberculosis only

Whole carcasses condemned	.....	—	—	—	—	—	—
Carcasses of which some part or organ was con- demned	.....	8	—	—	—	—	—
Percentage of the number inspected affected with Tuberculosis	.....	4.2%	—	—	—	—	—

Cysticercosis

Carcases of which some part or organ was condemned	.....	.....	4	—	—	—	—	—
Carcases submitted to treatment by refrigeration	.....	.....	—	—	—	—	—	—
Generalised and totally condemned	.....		—	—	—	—	—	—

The total weight of meat condemned was 846 lbs.

Licences to slaughter or stun animals were renewed in respect of thirteen slaughtermen and one new licence was issued.

Particulars of foods (other than raw meat) surrendered or seized during the year :—

Nature of Food Condemned.				Reason for Condemnation.	Quantity.
Meat	.....	.....	.....	Tins blown, pierced or crushed	25 tins
Fruit	.....	.....	.....	do.	82 tins
Tomatoes	.....	.....	.....	do.	79 tins
Soup	.....	.....	.....	do.	4 tins
Vegetables	.....	.....	.....	do.	16 tins
Fish	.....	.....	.....	do.	16 tins
Milk	.....	.....	.....	do.	3 tins
Icing	.....	.....	.....	do.	5 tins
Coffee	.....	.....	.....	do.	14 tins
Syrup	.....	.....	.....	do.	1 tin
Meat	.....	.....	.....	Glass containers broken	2 jars

Cheese	.....	do.	1 jar
Pickles	.....	do.	6 jars
Sauce	.....	do.	10 bottles
Marmalade	.....	do.	3 jars
Jam	.....	do.	6 jars
Fish Paste	.....	do.	3 jars
Salad Cream	.....	do.	1 bottle
Fruit Drinks	.....	do.	4 bottles
Coffee	.....	do.	1 bottle
Bacon	.....	Decomposition commenced	106 lbs.
Cooked Meats	.....	do.	55 lbs.
Sausage	.....	do.	217 lbs.
Fish Cakes	.....	do.	1 lb.
Cheese	.....	Mould formation	116 lbs.
Cake	.....	do.	22 lbs.
Puddings	.....	do.	2 lbs.
Jellies	.....	do.	2 lbs.
Cake Mixture	.....	do.	9 lbs.
Tomatoes	.....	do.	12 lbs.
Cereals	.....	Contamination	9 lbs.
Sugar	.....	do.	8 lbs.
Lard, Butter and Margarine	.....	Rancid	17 lbs.

Total weight—884 lbs.

9. FOOD & DRUGS ACT, 1955—SECTION 16.

The number of premises registered under Section 16 of the Food & Drugs Act, 1955, was as follows :—

For the storage and sale of ice cream	.....	37
For the preparation or manufacture of sausages etc.		7

10. FOOD HYGIENE REGULATIONS, 1955-56.

Total number of inspections of food premises	97
Number of defects or unsatisfactory conditions found	19
Number of defects or unsatisfactory conditions remedied during the year	19

11. HOUSING.

Inspections of dwellinghouses were made under the Public Health and Housing Acts, and informal notices served where necessary.

Details of inspections are as follows :—

Total number of houses inspected	101
Number of inspections made for the purpose	173
Number of informal notices served	25
Number of notices complied with	25

Action taken under the Housing Act, 1957.

Number of unfit houses in Clearance Order submitted to the Minister of Housing and Local Government for confirmation	5
Number of unfit houses in respect of which representations were made to the Council under Section 16 of the Housing Act, 1957	20
Number of houses in respect of which Demolition Orders were made	17
Number of houses in respect of which an undertaking was accepted from the owners to repair or recondition	4
Number of houses in respect of which an undertaking was accepted from the owners to cease use for human habitation	1
Number of houses made fit as a result of formal action under Section 16	2
Number of families displaced from unfit houses during the year	21 (52 persons)
Number of families (included above) rehoused by the Council	19 (46 persons)

New Houses.

A total of 46 houses were completed by the Council, and occupied, during 1959, as follows :—

PARISH OF BLYTH.

2 traditional type houses (for re-housing persons from unfit houses).

PARISH OF CARLTON-IN-LINDRICK.

8 traditional type bungalows for aged persons.

PARISH OF HARWORTH.

18 traditional type bungalows for aged persons.

18 traditional type houses (for re-housing persons from unfit houses).

The following is a summary of the Council's post war construction programme at the 31st December, 1959 :—

		Aluminium					Aireys	Total
		Tradi-	Swedish	Temp.	Perm.			
		tional	Timber					
Houses completed by contract for Local Authority	.....	853	8	40	40	82		1,023
Houses completed by Small Builders' Scheme		28	—	—	—	—		28
Houses under construction by contract for Local Authority	.....	16	—	—	—	—		16

Houses constructed by Private enterprise.

Thirty-eight houses were erected by private enterprise and occupied during the year.

12. SANITARY INSPECTION OF THE AREA—SUMMARY.

Housing	.....	518
Caravans and other temporary structures	.....	41
Infectious disease	.....	148
Verminous houses	.....	2
Other infestations	.....	19
Food premises	.....	97
Meat and Other Food	.....	664
Slaughterhouses	.....	141
Milk distributors, Dairies, samples, etc.	.....	65
Water supplies, samples and investigations	.....	92
Sewage samples	.....	12
Ice cream premises, samples, etc.	.....	31
Rodent control	.....	136
Nuisances	.....	33
Conversions	.....	17
Drainage, sanitary accommodation, etc.	.....	102
Disinfection, fumigation, etc.	.....	19
Factories	.....	27
Public Cleansing	.....	185
Miscellaneous	.....	159
Re-inspections	.....	291
Total	.....	<u>2,799</u>

13. INFORMAL ACTION.

Total number of complaints received or recorded	.....	58
Total number of informal notices served during the year	59
Total number of informal notices complied with	57

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